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=> d his ful

     (FILE 'HOME' ENTERED AT 08:54:54 ON 09 OCT 2008)

     FILE 'STNGUIDE' ENTERED AT 08:54:57 ON 09 OCT 2008

     FILE 'ZCAPLUS' ENTERED AT 08:55:08 ON 09 OCT 2008
              E US2006-541250/AP,PRN

     FILE 'WPIX' ENTERED AT 08:55:23 ON 09 OCT 2008
              E US2006-541250/AP,PRN
L1           2 SEA ABB=ON  PLU=ON  US2006-541250/AP,PRN

     FILE 'STNGUIDE' ENTERED AT 08:55:46 ON 09 OCT 2008
              D QUE L1

     FILE 'WPIX' ENTERED AT 08:56:02 ON 09 OCT 2008
              D IALL CODE 1-2

     FILE 'STNGUIDE' ENTERED AT 08:56:03 ON 09 OCT 2008

     FILE 'ZCAPLUS' ENTERED AT 09:04:26 ON 09 OCT 2008
              E BIOMECHANIC/CT
              E SIMULATION/CT
              E E57+ALL
L2           QUE ABB=ON  PLU=ON  "SIMULATION AND MODELING, BIOLOGICAL"+PFT,O
             LD,NEW,NT/CT
L3           QUE ABB=ON  PLU=ON  "SIMULATION AND MODELING"+PFT,OLD,NEW,NT/CT

              E BONE/CT
L4           QUE ABB=ON  PLU=ON  BONE+PFT,OLD,NEW,NT/CT
              E JOINTS/CT
              E E84+ALL
              E E77+ALL
L5           QUE ABB=ON  PLU=ON  JOINTS+PFT,OLD,NEW,NT/CT
L6           QUE ABB=ON  PLU=ON  "JOINTS (PHYSIOLOGICAL)"+PFT,OLD,NEW,NT/CT

L7           QUE ABB=ON  PLU=ON  "JOINT, ANATOMICAL"+PFT,OLD,NEW,NT/CT
              E SKELETON/CT
              E E94+ALL
L8           QUE ABB=ON  PLU=ON  SKELETON+PFT,OLD,NEW,NT/CT
              E SPINE/CT
              E E125+ALL
L9           QUE ABB=ON  PLU=ON  "SPINAL COLUMN"+PFT,OLD,NEW,NT/CT
              E VERTEBRAE/CT
              E E137+ALL
              E LUMBAR/CT
              E E155+ALL
L10          QUE ABB=ON  PLU=ON  BIOMED? OR BIOMECH? OR ANATOMIC? OR
             PHYSIOLOG? OR (BIO(1W)(MEDICAL? OR MECHANIC?))
L11          QUE ABB=ON  PLU=ON  SIMULAT? OR MODEL? OR VISUALIZ? OR
             VISUALIZ?
L12          QUE ABB=ON  PLU=ON  IMAGE OR IMAGING
L13          QUE ABB=ON  PLU=ON  DIGITAL?
L14          QUE ABB=ON  PLU=ON  JOINT OR KNEE OR HIP OR SHOULDER OR NECK
             OR ANKLE OR WRIST OR ELBOW
L15          QUE ABB=ON  PLU=ON  SKELETON OR SKELETAL?
L*** DEL     QUE CONSTRAINT
L16          QUE ABB=ON  PLU=ON  CONSTRAIN?
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L17              QUE ABB=ON  PLU=ON  PARAMETER
L18              QUE ABB=ON  PLU=ON  STIFFNESS
L19              QUE ABB=ON  PLU=ON  FLEXIBIL?
L20              QUE ABB=ON  PLU=ON  GEOMETRIC?
L21              QUE ABB=ON  PLU=ON  REFERENCE
L22              QUE ABB=ON  PLU=ON  EQUILIBRIUM
L23              QUE ABB=ON  PLU=ON  SPINE OR SPINAL OR VERTEB? OR LUMBAR
L24              QUE ABB=ON  PLU=ON  A61B0019/IPC
L25              QUE ABB=ON  PLU=ON  G06F0017/IPC
L26              QUE ABB=ON  PLU=ON  G06F0019/IPC
L27              QUE ABB=ON  PLU=ON  G06T0007/IPC
L28              QUE ABB=ON  PLU=ON  EL BAROUDI, F?/AU
L29              QUE ABB=ON  PLU=ON  ELBAROUDI, F?/AU
L30              QUE ABB=ON  PLU=ON  EL-BAROUDI, F?/AU
L31              QUE ABB=ON  PLU=ON  (AXS (1A)(INGENIERIE OR ING))/CS,SO,PA
L32              QUE ABB=ON  PLU=ON  BONE OR BONY OR BONINESS

     FILE 'HCAPLUS' ENTERED AT 09:18:55 ON 09 OCT 2008
L33       2532 SEA ABB=ON  PLU=ON  (L2 OR L3) (L) ((L14 OR L15) OR L32 OR
                 L23)
L34          4 SEA ABB=ON  PLU=ON  L33 (L)L13

     FILE 'STNGUIDE' ENTERED AT 09:20:42 ON 09 OCT 2008

     FILE 'HCAPLUS' ENTERED AT 09:23:10 ON 09 OCT 2008
L35          1 SEA ABB=ON  PLU=ON  L33 AND L27
L36          0 SEA ABB=ON  PLU=ON  L33 AND L24
L37              QUE ABB=ON  PLU=ON  COMPUT?
L38         73 SEA ABB=ON  PLU=ON  L33 (L) L37
L39         51 SEA ABB=ON  PLU=ON  (L4 OR L5 OR L6 OR L7 OR L8 OR L9)(L)((L13
                 OR L37)(L)L11)
L40        107 SEA ABB=ON  PLU=ON  L34 OR L35 OR L36 OR (L38 OR L39)

     FILE 'STNGUIDE' ENTERED AT 09:25:17 ON 09 OCT 2008

     FILE 'ZCAPLUS' ENTERED AT 09:25:44 ON 09 OCT 2008
L41              QUE ABB=ON  PLU=ON  3DIMENS? OR ((3 OR THREE)(1W)(D OR
                 DIMEN?))
L42              QUE ABB=ON  PLU=ON  CUSTOMIS? OR PERSONALIS? OR PARTICULARIS?
                 OR CUSTOMIZ? OR PERSONALIZ? OR PARTICULARIZ?

     FILE 'HCAPLUS' ENTERED AT 09:27:31 ON 09 OCT 2008

     FILE 'ZCAPLUS' ENTERED AT 09:27:39 ON 09 OCT 2008
                 E COMPUTERIZED SIMULATION/CT
                 E COMPUTER SIMULATIO/CT
                 E E179+ALL

     FILE 'HCAPLUS' ENTERED AT 09:28:11 ON 09 OCT 2008
L43        107 SEA ABB=ON  PLU=ON  L40 AND (L13 OR L37 OR (L16 OR L17 OR L18
                 OR L19 OR L20 OR L21 OR L22) OR L41 OR L42?
L44        107 SEA ABB=ON  PLU=ON  L40 OR L43
L45          0 SEA ABB=ON  PLU=ON  L44 AND (L28 OR L29 OR L30 OR L31)

     FILE 'HCAPLUS' ENTERED AT 09:29:21 ON 09 OCT 2008
L46        107 SEA ABB=ON  PLU=ON  L44 NOT L45

     FILE 'ZCAPLUS' ENTERED AT 09:29:41 ON 09 OCT 2008
L47              QUE ABB=ON  PLU=ON  AY<2004 OR PY<2004 OR PRY<2004 OR MY<2004
                 OR REVIEW/DT
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      FILE 'HCAPLUS' ENTERED AT 09:30:14 ON 09 OCT 2008
L48          55 SEA ABB=ON  PLU=ON  L46 AND L47
L49             QUE ABB=ON  PLU=ON  RIGID?
L50           0 SEA ABB=ON  PLU=ON  L48 AND L42
L51           0 SEA ABB=ON  PLU=ON  L48 AND ((L18 OR L19) OR L49)
L52           1 SEA ABB=ON  PLU=ON  L48 AND L20
L53             QUE ABB=ON  PLU=ON  GEOM?
L54           5 SEA ABB=ON  PLU=ON  L48 AND L53
L55           5 SEA ABB=ON  PLU=ON  (L50 OR L51) OR L52 OR L54
                D SCAN TI HIT
L56           8 SEA ABB=ON  PLU=ON  L48 AND L10
L*** DEL   9779 S L10 AND MEDICAL?
L57           4 SEA ABB=ON  PLU=ON  L48 AND MEDIC?
L58          10 SEA ABB=ON  PLU=ON  (L56 OR L57)
L59          80 SEA ABB=ON  PLU=ON  (L9 OR (L4 OR L5 OR L6 OR L7 OR L8))
                (L)((L13 OR L37)(L)(L11 OR L12))
L60          80 SEA ABB=ON  PLU=ON  L59 NOT "JOINT, MECHANICAL"/CT
L61          65 SEA ABB=ON  PLU=ON  L59 NOT "JOINTS, MECHANICAL"/CT
L62          66 SEA ABB=ON  PLU=ON  L61 OR L58
L63          66 SEA ABB=ON  PLU=ON  L62 AND ((L10 OR L11 OR L12 OR L13 OR L14
                OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR
                L23) OR L37 OR L49 OR L41 OR L42)
L64           0 SEA ABB=ON  PLU=ON  L63 AND (L28 OR L29 OR L30 OR L31)
L65           0 SEA ABB=ON  PLU=ON  L45 OR L64
L66          66 SEA ABB=ON  PLU=ON  L63 NOT L65
L67          40 SEA ABB=ON  PLU=ON  L66 AND L47
                SAVE TEMP L67 BOR250HCAB/A

      FILE 'STNGUIDE' ENTERED AT 09:41:08 ON 09 OCT 2008

      FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 09:43:16 ON 09 OCT 2008
L68          68 SEA ABB=ON  PLU=ON  L27 AND L24
L69           2 SEA ABB=ON  PLU=ON  L68 AND L11/IT,TI,CC,CT,ST,STP
L70           5 SEA ABB=ON  PLU=ON  L68 AND (L32/IT,TI,CC,CT,ST,STP OR
                L15/IT,TI,CC,CT,ST,STP OR L23/IT,TI,CC,CT,ST,STP)
                D SCAN
L71           7 SEA ABB=ON  PLU=ON  (L69 OR L70)
L72           1 SEA ABB=ON  PLU=ON  L71 AND (L28 OR L29 OR L30 OR L31)
                D SCAN
L73           6 SEA ABB=ON  PLU=ON  L71 NOT L72
L74           6 SEA ABB=ON  PLU=ON  L73 AND L47
                D SCAN

      FILE 'STNGUIDE' ENTERED AT 09:46:29 ON 09 OCT 2008

      FILE 'WPIX' ENTERED AT 09:46:39 ON 09 OCT 2008
L75             QUE ABB=ON  PLU=ON  T01-J06A/MC
L76             QUE ABB=ON  PLU=ON  S05-P/MC
L77        1073 SEA ABB=ON  PLU=ON  (L24 AND L27) OR L76
L78        5320 SEA ABB=ON  PLU=ON  L11 (7A)((L14 OR L15) OR L23 OR L32)
L79         189 SEA ABB=ON  PLU=ON  L78 (10A)(L13 OR L37)
L80          12 SEA ABB=ON  PLU=ON  L77 AND L79
L81           1 SEA ABB=ON  PLU=ON  L80 AND (L28 OR L29 OR L30 OR L31)
L82           1 SEA ABB=ON  PLU=ON  L81 AND L1
L83           1 SEA ABB=ON  PLU=ON  (L81 OR L82)
L84          11 SEA ABB=ON  PLU=ON  L80 NOT L83
L85           5 SEA ABB=ON  PLU=ON  L84 AND L47
                D TRI 1-5
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        FILE 'MEDLINE' ENTERED AT 09:50:31 ON 09 OCT 2008
                E COMPUTER SIMULATION/CT
                E E192+ALL
L86             QUE ABB=ON  PLU=ON  "COMPUTER SIMULATION"+PFT,OLD,NEW,NT/CT
                E SPINAL COLUMN/CT
                E E221+ALL
L87             QUE ABB=ON  PLU=ON  SPINE+PFT,OLD,NEW,NT/CT
                E BONES/CT
                E E235+ALL
L88             QUE ABB=ON  PLU=ON  "BONE AND BONES"+PFT,OLD,NEW,NT/CT
                E SKELETON/CT
L89             QUE ABB=ON  PLU=ON  SKELETON+PFT,OLD,NEW,NT/CT
                E VERTEBRAE/CT
                E E261+ALL
                E JOINTS/CT
L90             QUE ABB=ON  PLU=ON  JOINTS+PFT,OLD,NEW,NT/CT
L91      3506 SEA ABB=ON  PLU=ON  L86 AND (L87 OR L88 OR L89 OR L90)
L92     24925 SEA ABB=ON  PLU=ON  L11 (7A)((L14 OR L15) OR L23 OR L32)
L93       923 SEA ABB=ON  PLU=ON  L92 (10A)(L13 OR L37)
L94       258 SEA ABB=ON  PLU=ON  L91 AND L93
                D TRI 1-3
L95             QUE ABB=ON  PLU=ON  "MODELS, BIOLOGICAL"+PFT,OLD,NEW,NT/CT
L96         2 SEA ABB=ON  PLU=ON  L94 AND L42
L97        99 SEA ABB=ON  PLU=ON  L94 AND L41
L98        45 SEA ABB=ON  PLU=ON  L94 AND L53
L99       150 SEA ABB=ON  PLU=ON  L94 AND L95
L100       68 SEA ABB=ON  PLU=ON  L99 AND (L96 OR L97 OR L98)
L101        0 SEA ABB=ON  PLU=ON  L100 AND (L28 OR L29 OR L30 OR L31)
L102       68 SEA ABB=ON  PLU=ON  L100 NOT L101
L103       32 SEA ABB=ON  PLU=ON  L102 AND L47
L104       31 SEA ABB=ON  PLU=ON  L103/MAJ

      FILE 'STNGUIDE' ENTERED AT 09:56:45 ON 09 OCT 2008

      FILE 'STNGUIDE' ENTERED AT 10:46:59 ON 09 OCT 2008

      FILE 'EMBASE' ENTERED AT 10:47:18 ON 09 OCT 2008
                E COMPUTER SIMULATION/CT
                E E287+ALL
L105            QUE ABB=ON  PLU=ON  "COMPUTER SIMULATION"+PFT,OLD,NEW,NT/CT
                E BONE/CT
L106            QUE ABB=ON  PLU=ON  BONE+PFT,OLD,NEW,NT/CT
                E SKELETON/CT
L107            QUE ABB=ON  PLU=ON  SKELETON+PFT,OLD,NEW,NT/CT
                E JOINT/CT
L108            QUE ABB=ON  PLU=ON  JOINT+PFT,OLD,NEW,NT/CT
                E SPINE/CT
L109            QUE ABB=ON  PLU=ON  SPINE+PFT,OLD,NEW,NT/CT
                E VERTEBRA/CT
L110            QUE ABB=ON  PLU=ON  VERTEBRA+PFT,OLD,NEW,NT/CT
L111      436 SEA ABB=ON  PLU=ON  L105 AND (L106 OR L107 OR L108 OR L109 OR
                L110)
L112    22188 SEA ABB=ON  PLU=ON  L11 (7A)((L14 OR L15) OR L23 OR L32)
L113      788 SEA ABB=ON  PLU=ON  L112 (10A)(L13 OR L37)
L114       70 SEA ABB=ON  PLU=ON  L111 AND L113
L115        0 SEA ABB=ON  PLU=ON  L114 AND (L28 OR L29 OR L30 OR L31)
L116       70 SEA ABB=ON  PLU=ON  L114 NOT L115
L117       43 SEA ABB=ON  PLU=ON  L116 AND L47
L118       21 SEA ABB=ON  PLU=ON  L117/MAJ
                D TRI 20-21
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      FILE 'STNGUIDE' ENTERED AT 10:50:54 ON 09 OCT 2008

      FILE 'STNGUIDE' ENTERED AT 11:38:01 ON 09 OCT 2008

      FILE 'JAPIO' ENTERED AT 11:38:40 ON 09 OCT 2008
L119      117 SEA ABB=ON  PLU=ON  L24 AND (L25 OR L26 OR L27)
L120      348 SEA ABB=ON  PLU=ON  L11 (7A)((L14 OR L15) OR L23 OR L32)
L121       14 SEA ABB=ON  PLU=ON  L120 (15A)(L13 OR L37)
L122        0 SEA ABB=ON  PLU=ON  L119 AND L120
L123       14 SEA ABB=ON  PLU=ON  (L121 OR L122)
L124        1 SEA ABB=ON  PLU=ON  L123 AND L24
             D TRI
             D SCAN
             D TRI L123 1-14
L125        2 SEA ABB=ON  PLU=ON  L123 AND (SKELETON/TI OR SKELETAL?/TI)
L126        3 SEA ABB=ON  PLU=ON  L123 AND A61?/IPC
L127        4 SEA ABB=ON  PLU=ON  (L124 OR L125 OR L126)
             D TRI 1-4
L*** DEL    0 S L127 AND (ELBAROUDI OR (EL(1W)BAROUDI))/AN
L128        0 SEA ABB=ON  PLU=ON  L127 AND (ELBAROUDI OR (EL(1W)BAROUDI))/AU

L129        0 SEA ABB=ON  PLU=ON  L127 AND L31
L130        0 SEA ABB=ON  PLU=ON  (L128 OR L129)
L131        4 SEA ABB=ON  PLU=ON  L127 NOT L130
L132        1 SEA ABB=ON  PLU=ON  L131 AND L47
             D BIB KWIX

      FILE 'STNGUIDE' ENTERED AT 11:45:11 ON 09 OCT 2008

      FILE 'BIOSIS, PASCAL, CABA, CEABA-VTB, LIFESCI, BIOENG, BIOTECHNO,
      BIOTECHDS, DRUGU, DRUGB, VETU, VETB, SCISEARCH, CONFSCI, DISSABS,
      RDISCLOSURE' ENTERED AT 11:45:49 ON 09 OCT 2008
L133    89590 SEA ABB=ON  PLU=ON  L11 (7A)((L14 OR L15) OR L23 OR L32)
L134     3914 SEA ABB=ON  PLU=ON  L133 (15A)(L13 OR L37)
L135     1645 SEA ABB=ON  PLU=ON  L134 AND (L10 OR MEDIC? OR DIAGNOS?)
L136      861 SEA ABB=ON  PLU=ON  L135 AND (L16 OR L17 OR L53 OR L41 OR L42)

L137      259 SEA ABB=ON  PLU=ON  L136 AND L53
L138        0 SEA ABB=ON  PLU=ON  L137 AND (L28 OR L29 OR L30 OR L31)
L139      259 SEA ABB=ON  PLU=ON  L137 NOT L138
L140      163 SEA ABB=ON  PLU=ON  L139 AND L47
L141       38 SEA ABB=ON  PLU=ON  L140 AND ((L18 OR L19) OR L49)

      FILE 'STNGUIDE' ENTERED AT 11:59:58 ON 09 OCT 2008
             D QUE L67
             D QUE L74
             D QUE L85
             D QUE L104
             D QUE L118
             D QUE L132
             D QUE L141

      FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
      LIFESCI, BIOENG, SCISEARCH, DISSABS' ENTERED AT 12:01:27 ON 09 OCT 2008
L142      117 DUP REM L67 L74 L85 L104 L118 L132 L141 (25 DUPLICATES REMOVED
               ANSWERS '1-40' FROM FILE HCAPLUS
               ANSWERS '41-46' FROM FILE USPATFULL
               ANSWERS '47-51' FROM FILE WPIX
               ANSWERS '52-81' FROM FILE MEDLINE
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                     ANSWERS '82-99' FROM FILE EMBASE
                     ANSWER '100' FROM FILE JAPIO
                     ANSWERS '101-107' FROM FILE BIOSIS
                     ANSWERS '108-112' FROM FILE PASCAL
                     ANSWERS '113-115' FROM FILE BIOENG
                     ANSWERS '116-117' FROM FILE DISSABS
              SAVE TEMP L142 BOR250MAIN/A

    FILE 'STNGUIDE' ENTERED AT 12:01:52 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:02:33 ON 09 OCT 2008
              D IBIB ED ABS HITIND

    FILE 'STNGUIDE' ENTERED AT 12:02:34 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:02:46 ON 09 OCT 2008
              D IBIB ED ABS HITIND 2-20

    FILE 'STNGUIDE' ENTERED AT 12:02:48 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:03:26 ON 09 OCT 2008
              D IBIB ED ABS HITIND 21-40

    FILE 'STNGUIDE' ENTERED AT 12:03:28 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:03:56 ON 09 OCT 2008
              D IBIB AB 41-46

    FILE 'STNGUIDE' ENTERED AT 12:03:57 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:04:25 ON 09 OCT 2008
              D IALL ABEQ TECH ABEX 47-51

    FILE 'STNGUIDE' ENTERED AT 12:04:28 ON 09 OCT 2008

    FILE 'HCAPLUS, USPATFULL, WPIX, MEDLINE, EMBASE, JAPIO, BIOSIS, PASCAL,
    BIOENG, DISSABS' ENTERED AT 12:05:32 ON 09 OCT 2008
              D BIB ED AB IND 52-117

    FILE 'STNGUIDE' ENTERED AT 12:05:38 ON 09 OCT 2008
              D QUE L65
              D QUE L72
              D QUE L83
              D QUE L101
              D QUE L115
              D QUE L130
              D QUE L138

    FILE 'USPATFULL, WPIX' ENTERED AT 12:08:26 ON 09 OCT 2008
L143        2 DUP REM L65 L72 L83 L101 L115 L130 L138 (0 DUPLICATES REMOVED)
                  ANSWER '1' FROM FILE USPATFULL
                  ANSWER '2' FROM FILE WPIX
              SAVE TEMP L143 BRO250INV/A

    FILE 'STNGUIDE' ENTERED AT 12:08:39 ON 09 OCT 2008
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FILE 'USPATFULL, WPIX' ENTERED AT 12:08:58 ON 09 OCT 2008
          D IBIB ED ABS

FILE 'STNGUIDE' ENTERED AT 12:09:02 ON 09 OCT 2008

FILE 'USPATFULL, WPIX' ENTERED AT 12:09:14 ON 09 OCT 2008
          D IALL ABEQ TECH ABEX 2

FILE 'STNGUIDE' ENTERED AT 12:09:16 ON 09 OCT 2008

FILE 'STNGUIDE' ENTERED AT 12:09:26 ON 09 OCT 2008
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